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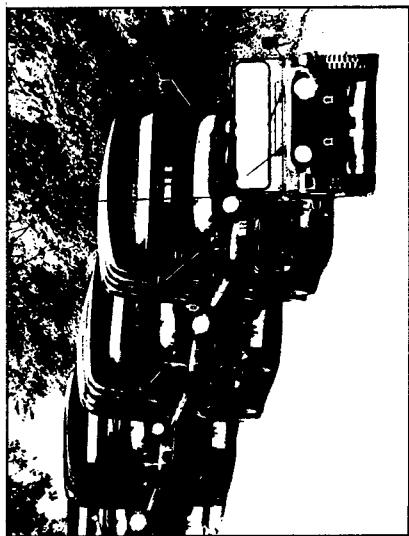


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ARMY SAFETY REPORT

FY 86

Volume II
TRANSPORTATION BRANCH BATTALIONS



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PREFACE

Two Volumes. This report is the second of two volumes. Volume I is under separate cover and provides an overview of FY 86 Army-wide accident experience. It concentrates on the major types of accidents, problem areas, cause factors, and countermeasures.

Purpose. This branch report is one of seven under separate covers. These reports present the FY 86 accident experience of active Army battalions in the following branches: Aviation, Field Artillery, Infantry, Signal, Armor, Air Defense Artillery, and Transportation. It is intended that Branch Chiefs/School Commandants use this information to produce soldiers who are more aware of and prepared for accident-causing problems they will encounter after joining their units. This information will also permit field commanders to share the accident experience of other commanders having similar missions, personnel, and equipment. It is hoped that commanders will implement corrective actions before resources are lost to accidents from the same causes.

Data Notes. In the future, branch reports will be expanded to include Army National Guard and Reserve battalions, more branches, and more information specifically tailored to the accident prevention needs of each branch.

The FY 86 data included are based on reports of ground (DA Form 285) and aviation (DA Form 2397) accidents occurring during FY 86 and recorded in the Army Safety Management Information System (ASMIS) as of 7 January 1987.

Within this report is a listing of active Army battalions identified with the branch. It is these battalions whose accident experience forms the data for this report. The applicable list of battalions was provided in November 1986 to representatives of each branch, except Aviation, for verification. No verified lists had been received as of 22 January 1987.

EXECUTIVE SUMMARY

During the period FY 83 through FY 86, the number of Class A-C accidents in Transportation Branch Battalions remained relatively stable. The number of accidents decreased by one from FY 83 to FY 86. Three types of accidents accounted for nearly all (88%) of the FY 86 accidents. These accident types were personnel injury, Army motor vehicle, and privately owned vehicle. On-duty personnel injuries occurred primarily during maintenance activities, while off-duty personnel injuries occurred primarily during sports activities. Army motor vehicle accidents occurred primarily in 10-ton (or greater) trucks. Privately owned vehicle accidents occurred primarily during operation of motorcycles/mopeds and autos/sedans.

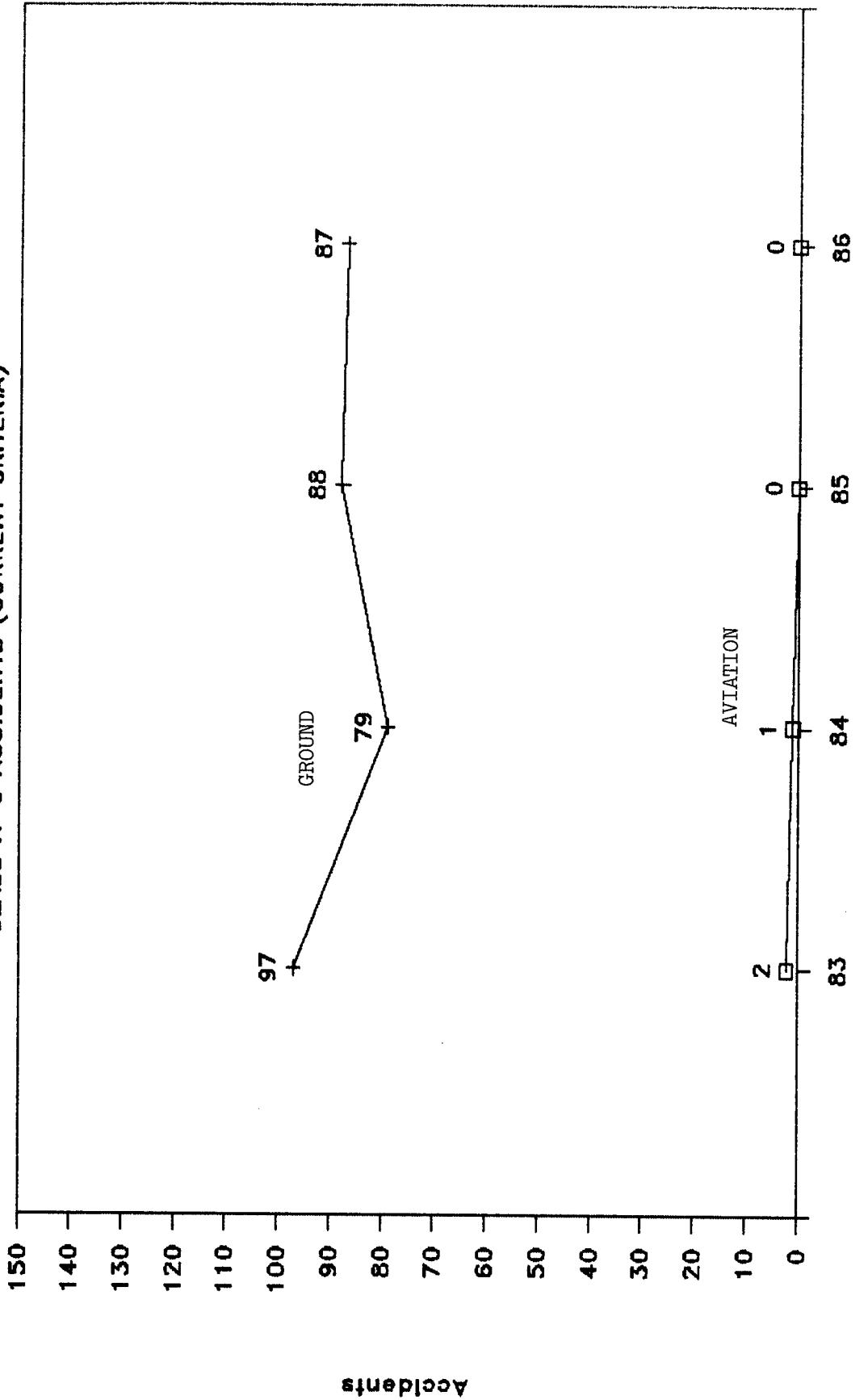
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TRANSPORTATION BRANCH BATTALIONS

CLASS A-C ACCIDENTS (CURRENT CRITERIA)



Data as of 7 Jan 87.

Overall the number of ground accidents remained below FY 83, but there is no significant change in the overall number of ground or aviation accidents from FY 85.

TRANSPORTATION BRANCH BATTALIONS
CLASS A-C ACCIDENTS (CURRENT CRITERIA)

TYPES OF ACCIDENTS	FY 83			FY 84			FY 85			FY 86		
	n	%	n	%	n	%	n	%	n	%	n	%
Ground												
Personnel Injury	44	45	34	43	31	35	34	39	34	39	28	32
Army Motor Vehicles	35	36	32	41	34	39	39	43	34	39	13	15
Privately Owned Vehicles	15	16	9	11	16	19	19	22	22	22	5	6
Other Army Vehicles	2	2	3	4	2	2	2	2	2	2	4	5
Marine	0	0	0	0	0	0	1	1	1	1	2	2
Other Property Damage	0	0	0	0	0	0	1	1	1	1	1	1
Fire	1	1	1	1	1	1	2	2	2	2	1	1
Total	97	100	79	100	88	100	88	100	87	100		
Aviation												
Rotary Wing	0		1		0		0		0		0	
Fixed Wing	2		1		0		0		0		0	
Total	2		2		0		0		0		0	

Data as of 7 Jan 87.

For Ground accidents, personnel injury continues to be the largest contributor to injuries and shows no significant change from FY 85. However, Army motor vehicles, while still the second largest contribution, shows a 18% decrease from FY 85.

TRANSPORTATION BRANCH BATTALIONS
ACTIVITIES OF ON-DUTY PERSONNEL INJURED IN
PERSONNEL INJURY TYPE ACCIDENTS

ACTIVITY OF ON-DUTY INJURED PERSON	FY 83		FY 84		FY 85		FY 86	
	n	%	n	%	n	%	n	%
Maintenance/Repair/Servicing	10	26	12	44	8	32	9	39
Sports	1	3	1	4	1	4	3	13
Human Locomotion	5	14	4	15	3	12	3	13
Physical Training	1	3	0	0	1	4	2	9
Handling Vehicle/Vessel	1	3	3	11	1	4	2	9
Material Handling	14	38	2	7	8	32	2	9
Food/Drink Preparation	0	0	0	0	1	4	1	4
Passenger	2	5	0	0	0	0	1	4
Soldiering	1	3	0	0	2	8	0	0
Combat Soldiering	2	5	3	11	0	0	0	0
Fabricating	0	0	1	4	0	0	0	0
Supervisory	0	0	1	4	0	0	0	0
Total	37	100	27	100	25	100	23	100

Data as of 7 Jan 87.

TRANSPORTATION BRANCH BATTALIONS
 ACTIVITIES OF OFF-DUTY PERSONNEL INJURED IN
 PERSONNEL INJURY TYPE ACCIDENTS

ACTIVITY OF OFF-DUTY INJURED PERSON	FY 83			FY 84			FY 85			FY 86		
	n	%	n	%	n	%	n	%	n	%	n	%
Sports	4	57	1	11	3	43	6	60				
Janitorial/Housekeeping	0	0	0	0	0	0	0	0	1	10		
Passenger	0	0	0	0	0	0	0	0	1	10		
Human Locomotion	2	29	3	33	3	43	1	10				
Horseplay	0	0	0	0	0	0	0	0	1	10		
Maintenance/Repair/Servicing	1	14	3	33	1	14	0	0				
Material Handling	0	0	1	11	0	0	0	0				
Personal Hygiene	0	0	1	11	0	0	0	0				
Total	7	100	9	100	7	100	10	100	10	100	10	100

Data as of 7 Jan 87.

TRANSPORTATION BRANCH BATTALIONS
 CLASS A-C GROUND ACCIDENTS (CURRENT CRITERIA)
 ARMY MOTOR VEHICLE ACCIDENTS

PRIMARY VEHICLE*	FY 83			FY 84			FY 85			FY 86		
	n	%	n	%	n	%	n	%	n	%	n	%
<u>Tactical</u>												
Over 10-Ton Trucks	18	51	14	44	15	44	11	40	11	40	6	21
5-Ton Trucks	4	11	1	3	6	18	6	21	6	21	6	21
CUCV	0	0	0	0	6	18	1	3	2	7	0	0
2 1/2-Ton Trucks	5	14	2	6	0	0	0	0	0	0	0	0
1/4-Ton Truck	0	0	2	6	0	0	0	0	0	0	0	0
M880/890 Trucks	3	9	1	3	1	3	3	0	0	0	0	0
Tactical Trailers	0	0	2	6	0	0	0	0	0	0	0	0
Other Tactical Vehicles	1	3	4	14	5	14	0	0	0	0	0	0
<u>Commercial</u>												
Van	1	3	2	6	0	0	0	0	2	7	0	0
Sedan/Station Wagon	2	6	1	3	0	0	0	0	1	4	0	0
Over 2-Ton Trucks	0	0	2	6	0	0	0	0	0	0	0	0
Truck Tractor	1	3	0	0	0	0	0	0	0	0	0	0
Other Commercial Vehicles	0	0	1	3	0	0	0	0	0	0	0	0
Total	35	100	32	100	34	100	28	100	28	100	0	0

*In multiple vehicle accidents, the primary vehicle is the one most at fault, e.g., through driver error or material failure.

Data as of 7 Jan 87.

The over 10-ton trucks continue to be the largest contributor to injuries, however, there has been a 15% decrease in these type accidents since FY 85.

TRANSPORTATION BRANCH BATTALIONS
 CLASS A-C GROUND ACCIDENTS (CURRENT CRITERIA)
 PRIVATELY OWNED VEHICLE ACCIDENTS

PRIMARY VEHICLE*	FY 83			FY 84			FY 85			FY 86		
	n	%	n	%	n	%	n	%	n	%	n	%
Motorcycle/Moped	5	33	2	22	7	44	6	46				
Auto/Sedan	9	60	6	67	4	25	5	38				
Truck	0	0	0	0	2	13	1	8				
Bicycle	0	0	1	11	1	6	0	0				
Trains	1	7	0	0	0	0	0	0				
Unreported	0	0	0	0	2	12	1	6				
Total	15	100	9	100	16	100	13	100				

* In multiple vehicle accidents, the primary vehicle is the one most at fault,
 e.g., through driver error or material failure.

Data as of 7 Jan 87.

While motorcycle/mopeds and auto/sedans continue to be the largest contributors to injuries, there is no significant change since FY 85.

TRANSPORTATION BRANCH BATTALIONS
CLASS A-C AVIATION ACCIDENTS (CURRENT CRITERIA)

TYPE AIRCRAFT	FY 83	FY 84	FY 85	FY 86
<u>Rotary Wing</u>				
UH-1	0	1	0	0
<u>Fixed Wing</u>				
C-12	1	1	0	0
U-21	1	0	0	0
Total	2	1	0	0

Data as of 7 Jan 87.

Transportation Branch Battalion VICs

WCKJAA	4	TC
WCCKUFF	69	TC
WS6TAA	520	TC
WCKVAA	106	TC
WQZLAA	986	TC
WCXXAA	181	TC
WCKLFF	7	TC
WCKYAA	10	TC
WCKNAA	28	TC
WCCKZFF	11	TC
WCKTAA	53	TC
WCKOAA	70	TC
WCCKAA	6	TC
WDBDAA	24	TC
WCKPAA	29	TC
WCKMAA	27	TC
WS6NFF	694	TC
WEPOTO	180	TC
WE32FF	68	TC

